

Common Sense Initiative, Automobile Manufacturing Sector

***U.S. Automobile Assembly Plants and Their Communities:
Environmental Economic, and Demographic Profile***

**Part III: Automobile/Light Duty Truck Assembly
Plant-Community Profiles**

**21. General Motors
Detroit, MI**

December 1997

Contents and Guidelines for Use

Users of this profile should carefully review the description of methods, data limitations, and guidelines for use and interpretation of the data presented in Part I of the report.

Contents:

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General Guidelines for Use

Efforts have been made to ensure that the data presented here are accurate. The Project Team could not independently verify data accuracy in all cases, however, and some errors may remain. The following is a partial list of factors that should be considered in using these profiles:

1. Current releases presented in this report represent only some of the contamination sources in a given area. Data on historical releases (prior to 1991) were not included, and releases from non-assembly plant emission sources were identified only through the Toxics Release Inventory (TRI). TRI data do not cover all sources of releases. Considering only TRI data for a given community may mis-state the relative contribution of plants and their neighboring TRI facilities to an area's total releases.
2. Care must be taken to distinguish true changes over time in environmental releases from apparent changes, due, for example, to changes in the scope of reporting requirements.
3. TRI data are often based on engineering estimates and are reported on an annual basis. Data on releases over shorter time frames are not available.
4. TRI, the Biennial Report and other databases do not include all substances and environmental releases of concern.

Notes on Comparisons Across Facilities

1. The following factors can affect an assembly plant's environmental profile, among other things: the number of vehicles produced, plant age, process equipment age, and vehicle size and configuration.
2. Some plants are highly-integrated, performing some parts and all assembly steps in-house. Others obtain parts from other manufacturing facilities, or share assembly operations with another plant.
3. States differ in how they define hazardous waste and how they treat recycled wastes and small quantity generators. Therefore, data on quantities of BRS wastes generated may not be comparable for plants located in different states.
4. Area-wide averages for economic and demographic characteristics may be better or worse measures of the plant's immediate community, depending on the specific location of a plant within the reporting area.

**Plant-Community Profile:
General Motors
Detroit MI**

12/2/97

LOCATION	Address	2500 E. General Motors Blvd., Detroit MI 48211		DESCRIPTION	Produced Cadillac Eldorado & Seville and Olds Toronado in 1994.		
	Lat/Long:	latitude (degrees N)	42 22' 51"				
		longitude (degrees W)	83 2' 30"				
	County:	Wayne	MSA: Detroit MI				
	Other counties within 3 miles of plant:		Macomb	ID NUMBERS	RCRA ID	MID980795488	
					AIRS ID	AFS2616303252	
					NPDES ID	-	
OPERATIONS		Production	Employment		TRI	48211CDLLC2500E	
	Calendar Year: 1991	62,210					
	1992	94,068					
	1993	110,170					
	1994	205,578	5,083				

PLANT ENVIRONMENTAL PROFILE

RCRA BIENNIAL REPORT

<i>Waste Code(s)</i>	<i>Wastewater?</i>	<i>Physical Form</i>	<i>Source</i>	<i>Mgd. On/Off-Site</i>	<i>Management Method</i>	<i>Quantity Generated (tons)</i>	<i>Quantity Shipped (tons)</i>	<i>Quantity Mgd. On-Site (tons)</i>
<i>1991</i>								
D001 (ignitable)	N	B403 org. solids	A29 other surface prep	Off	M043 incineration	57.2	57.2	0.0
D001 (ignitable)	N	B403 org. solids	A29 other surface prep	Off	M061 fuel blending	2.1	2.1	0.0
D001 (ignitable)	N	B409 org. solids	A29 other surface prep	Off	M043 incineration	7.0	7.0	0.0
D001 (ignitable)	N	B609 org. sludges	A21 painting	Off	M119 stabilization	381.5	381.5	0.0
D001(ignit) F005 (solvents)	N	B206 org. liquids	A37 process liq. remov.	Off	M032 oth. recov.	44.2	44.2	0.0
D001(ignitable) D008 (lead)	N	B205 org. liquids	A37 process liq. remov.	Off	M032 oth. recov.	12.5	12.5	0.0
D001(ignitable) D008 (lead)	N	B206 org. liquids	A59 1x/intermittent	Off	M041 incineration	0.2	0.2	0.0
D001(ignitable) D008 (lead)	N	B319 inorg. solids	A08 physical scraping	Off	M043 incineration	7.6	7.6	0.0
D001(ignitable) D008 (lead)	N	B604 org. sludges	A21 painting	Off	M042 incineration	82.8	78.3	0.0
D001, D035, F005	N	B209 org. liquids	A21 painting	Off	M043 incineration	1.6	1.6	0.0
D005 (barium) D008 (lead)	N	B319 inorg. solids	A78 air poll cntl device	Off	M119 stabilization	11.3	11.3	0.0
D008 (lead)	N	B310 inorg. solids	A21 painting	Off	M132 landfill	61.3	61.3	0.0
F002 (halog. solvents)	N	B202 org. liquids	A09 clean out equip	Off	M029 solvents recov.	3.0	3.0	0.0
F003 (nonhalog. solvents)	N	B211 org. liquids	A21 painting	Off	M029 solvents recov.	318.6	318.6	0.0
F003 (nonhalog. solvents)	N	B609 org. sludges	A21 painting	Off	M125 other treat.	1,233.5	1,233.5	0.0
F003 (nonhalog. solvents)	?	Not rep't	A21 painting	Off	M029 solvents recov.	92.9	92.9	0.0
TOTAL - 1991						2,317.3	2,312.8	0.0

**Plant-Community Profile:
General Motors
Detroit MI**

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RCRA BIENNIAL REPORT (continued)

<i>Waste Code(s)</i>	<i>Wastewater?</i>	<i>Physical Form</i>	<i>Source</i>	<i>Mgd. On/Off-Site</i>	<i>Management Method</i>	<i>Quantity Generated (tons)</i>	<i>Quantity Shipped (tons)</i>	<i>Quantity Mgd. On-Site (tons)</i>
1993								
D001 (ignitable)	N	B209 org. liquid	A21 painting	Off	M041 incineration	0.9	0.8	0.0
D001 (ignitable)	N	B409 org. solids	A21 painting	Off	M043 incineration	28.9	28.3	0.0
D001 (ignitable)	N	B409 org. solids	A29 other surface prep	Off	M043 incineration	44.5	35.4	0.0
D001(ignitable) D035 (MEK)	N	B209 org. liquid	A21 painting	Off	M043 incineration	8.2	7.7	0.0
D001(ignitable) F003 (solvents)	N	B209 org. liquid	A21 painting	Off	M061 fuel blending	97.0	97.0	0.0
D001(ignitable) F003 (solvents)	N	B211org. liquid	A21 painting	Off	M023 solvents recov.	524.7	524.7	0.0
D001, F005, D035	N	B409 org. solids	A21 painting	Off	M023 solvents recov.	1.9	1.9	0.0
D001, F005, D035	N	B409 org. solids	A21 painting	Off	M043 incineration	5.0	5.0	0.0
D001, F005, D035	N	B409 org. solids	A21 painting	Off	M061 fuel blending	3.9	3.9	0.0
D008 (lead)	N	B310 inorg. solids	A21 painting	Off	M111 stabilization	4.4	4.4	0.0
D008 (lead)	N	B319 inorg. solids	A57 1x/intermittent	Off	M111 stabilization	46.9	46.9	0.0
D009 (mercury)	N	B319 inorg. solids	A99 other processes	Off	M111 stabilization	0.4	0.4	0.0
D035, D001	N	B210 org. liquid	A59 1x/intermittent	Off	M061 fuel blending	1.6	1.6	0.0
F003 (non-halog solvents)	N	B604 org. sludges	A21 painting	Off	M125 other treat.	685.9	685.9	0.0
TOTAL - 1993						1,454.1	1,443.8	0.0

TOXICS RELEASE INVENTORY

<i>Total lbs of TRI chemicals:</i>	<i>Air-Fugitive Emissions</i>	<i>Air-Stack Emissions</i>	<i>Total Releases</i>	<i>Discharge to POTW</i>	<i>Off-Site Energy Recovery</i>	<i>Off-Site Recycling</i>	<i>Off-Site Treatment</i>	<i>Off-Site Disposal</i>	<i>Total Transfers</i>
1991	23,855	1,036,830	1,060,685	2,000	17,530	409,600	10,525	7,460	447,115
1992	44,162	1,175,229	1,219,391	497	23,128	735,563	18,361	1,442	778,991
1993	27,063	1,606,062	1,633,125	47	476	810,563	26,289	4,138	841,513
1994	37,567	2,415,308	2,452,875	1,953	1,890	589,652	32,950	0	626,445
Lbs. per vehicle produced:									
1991	0.38	16.67	17.05	0.03	0.28	6.58	0.17	0.12	7.19
1992	0.47	12.49	12.96	0.01	0.25	7.82	0.20	0.02	8.28
1993	0.25	14.58	14.82	0.00	0.00	7.36	0.24	0.04	7.64
1994	0.18	11.75	11.93	0.01	0.01	2.87	0.16	0.00	3.05

**Plant-Community Profile:
General Motors
Detroit MI**

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PLANT ENVIRONMENTAL PROFILE (continued)

1994 TRI Emissions/Releases by Chemical (lbs.)

Chemical Name	Air-Fugitive Emissions	Air-Stack Emissions	Total Releases	Discharge to POTW	Off-Site Energy Recovery	Off-Site Recycling	Off-Site Treatment	Off-Site Disposal	Total Transfers
METHANOL	0	95,118	95,118	0	31	52,616	0	0	52,647
N-BUTYL ALCOHOL	20	142,668	142,688	0	85	770	0	0	855
BENZENE	250	0	250	0	0	0	1	0	1
DICHLOROMETHANE	686	0	686	0	0	50,867	0	0	50,867
METHYL ETHYL KETONE	12,700	66,514	79,214	0	17	2,578	6	0	2,601
4,4'-ISOPROPYLIDENEDIPHENOL	0	0	0	0	0	0	434	0	434
1,2,4-TRIMETHYLBENZENE	0	76,235	76,235	0	0	0	0	0	0
ETHYLBENZENE	30	93,246	93,276	0	0	74,000	0	0	74,000
ETHYLENE GLYCOL	1,902	1,205	3,107	0	0	0	0	0	0
METHYL ISOBUTYL KETONE	1,302	76,546	77,848	0	0	24,353	717	0	25,070
TOLUENE	3,888	250,930	254,818	0	254	17,568	533	0	18,355
XYLENE (MIXED ISOMERS)	400	889,856	890,256	0	1,503	366,900	7,859	0	376,262
HYDROCHLORIC ACID	0	260,127	260,127	0	0	0	0	0	0
GLYCOL ETHERS	16,389	462,863	479,252	0	0	0	0	0	0
MANGANESE COMPOUNDS	0	0	0	115	0	0	3,577	0	3,692
NICKEL COMPOUNDS	0	0	0	642	0	0	4,591	0	5,233
ZINC COMPOUNDS	0	0	0	1,196	0	0	15,232	0	16,428
TOTAL	37,567	2,415,308	2,452,875	1,953	1,890	589,652	32,950	0	626,445

**VOC/NOx Emissions:
(lbs/year)**

	VOCs	NO2
1990	1,038,250	641,928
1991	1,413,662	2,080,226
1992	1,017,250	1,000,588
1993	2,840,682	1,975,572
1994	4,454,164	1,963,416

**Plant-Community Profile:
General Motors
Detroit MI**

12/2/97

COMMUNITY ENVIRONMENTAL PROFILE

TRI Chemical Releases & Transfers from Sources Within 3 Miles of Auto/LDT Plant (lbs.)

<i>Facility (w. map #)</i>	<i>Air-Fugitive Emissions</i>	<i>Air-Stack Emissions</i>	<i>Total Releases</i>	<i>Discharge to POTW</i>	<i>Off-Site Transfers</i>	<i>Total Transfers</i>
1 FITZGERALD FINISHING CO.	0	0	0	0	0	0
2 AMERICAN STEEL CORP.	500	14,100	14,600	0	0	0
3 LEAR SEATING CORP. DETROIT PLAN	0	7	7	0	0	0
4 DELTA RESINS & REFRACTORIES INC	1,005	1,260	2,520	750	147,078	147,828
5 FREEZER SERVICES	0	0	0	0	0	0
7 DETROIT AXLE PLANT DETROIT AXLE	2,400	21,000	23,400	0	0	0
8 MICHIGAN CHROME & CHEMICAL CO.	0	0	0	0	0	0
9 DETROIT FORGE & FNDY.	0	0	0	0	0	0
10 PVS TECH. INC.	0	129	129	0	1,834	1,834
11 MICHIGAN INDUSTRIAL FINISHES IN	10,834	274	11,108	0	35,239	35,239
12 BASF CORP.	0	0	0	0	0	0
13 GMC SAGINAW DIV. DETROIT PLANT	1,770	3,015	4,785	1,010	285,540	286,550
14 SEIBERT-OXIDERMO INC. DETROIT	760	3,000	3,760	0	104,083	104,083
15 GMC SAGINAW DETROIT FORGE	0	0	0	0	0	0
16 TITAN FINISHES CORP.	0	0	0	0	0	0
17 CHRYSLER CENTER CIMS 417-24-24	0	0	0	0	0	0
18 CHEMICAL PROCESSING INC.	11,435	0	11,435	121	388	509
19 KAY SCREEN PRINTING	0	0	0	0	0	0
20 ARCO ALLOYS CORP.	1,000	750	1,750	0	91,500	91,500
21 AJAX METAL PROCESSING INC.	10,629	7	10,636	33	5,300	5,333
22 GMC NATP DETROIT ASSEMBLY	1,753	29,324	31,077	0	60,321	60,321
23 NATIONAL METAL PROCESSING	0	1	1	0	347,425	347,425
24 COMMONWEALTH IND.	0	496	496	154	106,585	106,739
25 GENERAL PLATING INC. PLANT #1	0	0	0	0	0	0
26 STYLECRAFT PRODS. INC. PLANT #2	0	0	0	280	14,394	14,674
27 PEPSI-COLA	0	0	0	0	0	0
Total	42,086	73,363	115,704	2,348	1,199,687	1,202,035

**Air Quality Attainment Status
(as of 1994)**

ozone - nonattainment (moderate)*
carbon monoxide - nonattainment - not classified
particulates - nonattainment (moderate)**
lead - unclassifiable
NO2 - cannot be classified or better than national standards
SO2 - attainment

* redesignated attainment effective 4/6/95 (60 FR 12459)

** redesignated attainment effective 10/4/96 (61 FR 40519)

**Plant-Community Profile:
General Motors
Detroit MI**

12/2/97

COMMUNITY DEMOGRAPHIC AND ECONOMIC CHARACTERISTICS

	<i>Census Block</i>	<i>0-1 Mile</i>	<i>0-3 Miles</i>	<i>1-3 Miles</i>	<i>3-5 Miles</i>	<i>County</i>	<i>State</i>	<i>U.S.</i>
Total Population (1994)	NA	NA	NA	NA	NA	2,064,819	9,496,539	260,340,990
Total Population (1990)	0	14,289	172,556	158,267	325,903	2,111,687	9,295,297	248,709,873
% Change 1990-1994	NA	NA	NA	NA	NA	-2	2	5
Total Area (sq. mi.) (1990)	0	3.1	28.2	25.1	50.2	614.1	56,809.2	3,536,278.1
Population/sq. mi. (land area) (1990)	0	4,855	6,304	6,479	8,028	3,438	164	70
Median Household Income (1994)						NA	35,284	32,264
Median Household Income (1989)						27,997	31,020	30,056
% Change 1979-1989 (constant \$)						-10	-4	7
% Change 1989-1994 (constant \$)						NA	14	7
Per Capita Personal Income (1993)						19,912	20,584	20,800
Per Capita Personal Income (1989)						17,104	17,546	17,690
% Change 1989-1993 (current \$)						16	17	18
Minority Percentage (1990)	0	51	79	81	85	42	16	20
Pct. of Households Below Poverty Level (1989)	0	50	51	51	42	25	23	20
Pct. Not Completing High School (1990)	0	51	44	44	40	30	23	25
Total Employment (1994) (civilian nonfarm)						929,642	4,753,000	131,056,000
Unemployment Rate (1994)						7	6	6
Manufacturing Employment (1993)						182,126	906,672	18,183,381
Mfgr. as % Total Employment (1993)						26	26	19
Manufacturing Employment (1992)						187,100	917,000	18,253,000
Production Workers (1992)						93,500	574,000	11,654,000
% Change in Mfgr. Employment 1987-1992						-19	-7	-4
Assembly Plant as % Total Mfgr. Workers						3		

Data sources used were not always complete or current.
Attempts have been made to verify data, but errors may still exist.

Detroit, MI, GM Plant - 2500 GM Blvd.



Microsoft, Expedia.

Streets98

GENERAL MOTORS CORP
2500 E GM BLVD
DETROIT MI
Tri Number: 48211CDLLC2500E

Map #	SIC	Name	Address	City	State
0	3711	CADILLAC LUXURY CAR DIV. DETROIT HAMTRAMCK ASSEMBL	2500 E. GENERAL MOTORS BLVD.	DETROIT	MI
1	3479	FITZGERALD FINISHING CO.	17450 FILER AVE.	DETROIT	MI
2	3316	AMERICAN STEEL CORP.	7170 E. MCNICHOLS	DETROIT	MI
3	3714	LEAR SEATING CORP. DETROIT PLANT	4600 NANCY AVE.	DETROIT	MI
4	2899	DELTA RESINS & REFRACTORIES INC.	17350 RYAN RD.	DETROIT	MI
5	4222	FREEZER SERVICES	8350 ST. AUBIN	HAMTRAMCK	MI
7	3714	DETROIT AXLE PLANT DETROIT AXLE DIV.	6700 LYNCH RD.	DETROIT	MI
8	3471	MICHIGAN CHROME & CHEMICAL CO.	8615 GRINNELL AVE.	DETROIT	MI
9	3714	DETROIT FORGE & FNDY.	9611 WINFIELD AVE.	DETROIT	MI
10	2819	PVS TECH. INC.	6500 FRENCH RD.	DETROIT	MI
11	2851	MICHIGAN INDUSTRIAL FINISHES INC.	9045 VINCENT ST.	DETROIT	MI
12	2851	BASF CORP.	1700 CANIFF	HAMTRAMCK	MI
13	3714	GMC SAGINAW DIV. DETROIT PLANT	1840 HOLBROOK AVE.	DETROIT	MI
14	2851	SEIBERT-OXIDERM O INC. DETROIT	6455 STRONG	DETROIT	MI
15	3462	GMC SAGINAW DETROIT FORGE	8435 ST. AUBIN	DETROIT	MI
16	2851	TITAN FINISHES CORP.	1497 E. GRAND BLVD.	DETROIT	MI
17	3711	CHRYSLER CENTER CIMS 417-24-24	12000 CHRYSLER DR.	HIGHLAND PARK	MI
18	3471	CHEMICAL PROCESSING INC.	5485 CONCORD	DETROIT	MI
19	2750	KAY SCREEN PRINTING	1614 CLAY	DETROIT	MI
20	3341	ARCO ALLOYS CORP.	1891 TROMBLY	DETROIT	MI
21	3471	AJAX METAL PROCESSING INC.	4651 BELLEVUE AVE.	DETROIT	MI
22	3711	GMC NATP DETROIT ASSEMBLY	601 PIQUETTE	DETROIT	MI
23	3479	NATIONAL METAL PROCESSING	3105 BEAUFIT	DETROIT	MI
24	3398	COMMONWEALTH IND.	5900 COMMONWEALTH AVE.	DETROIT	MI
25	3471	GENERAL PLATING INC. PLANT #1	6547 ST. PAUL	DETROIT	MI
26	3471	STYLECRAFT PRODS. INC. PLANT #2	1219 BEAUFIT	DETROIT	MI
27	2086	PEPSI-COLA	1555 MACK AVE.	DETROIT	MI

AREA WIDE 1994 TRI EMISSION PROFILE

GENERAL MOTORS CORP
WAYNE COUNTY, Michigan

Latitude: 42 22 51
Longitude: 83 2 30

Map Key:
Auto
Plant
Truck



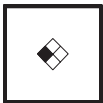
Release
Air



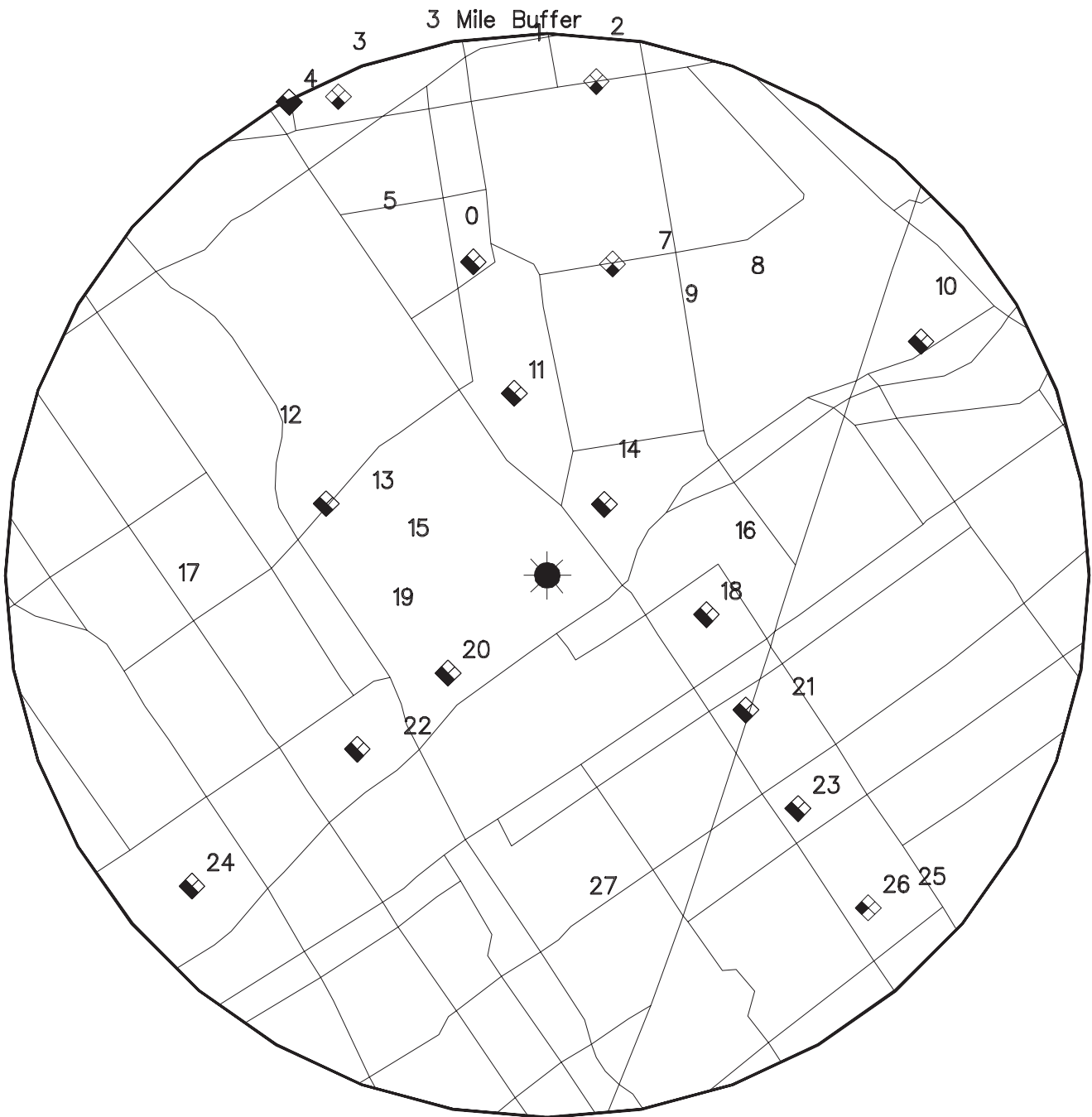
Land
Release



Water
Release



Transfer
location
to offsite



Number without a Symbol denotes no reported emissions over 0.5 pounds per year

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
GENERAL MOTORS CORP TRI NO: 48211CDLLC2500E

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
CADILLAC LUXURY CAR DIV. DETROIT HAMTRAMCK ASSEMBL SIC DESCRIPTION: MOTOR VEHICLES & CAR BODIES MAP LOCATION NO: 0 2500 E. GENERAL MOTORS BLVD. SIC CODE: 3711 DETROIT MI 48211 2002								
METHANOL	0	95,118	0	0	95,118	0	52,647	52,647
N-BUTYL ALCOHOL	20	142,668	0	0	142,688	0	855	855
BENZENE	250	0	0	0	250	0	1	1
DICHLOROMETHANE	686	0	0	0	686	0	50,867	50,867
METHYL ETHYL KETONE	12,700	66,514	0	0	79,214	0	2,601	2,601
4,4'-ISOPROPYLIDENEDIPHENOL	0	0	0	0	0	0	434	434
1,2,4-TRIMETHYLBENZENE	0	76,235	0	0	76,235	0	0	0
ETHYLBENZENE	30	93,246	0	0	93,276	0	74,000	74,000
ETHYLENE GLYCOL	1,902	1,205	0	0	3,107	0	0	0
METHYL ISOBUTYL KETONE	1,302	76,546	0	0	77,848	0	25,070	25,070
TOLUENE	3,888	250,930	0	0	254,818	0	18,355	18,355
XYLENE (MIXED ISOMERS)	400	889,856	0	0	890,256	0	376,262	376,262
HYDROCHLORIC ACID	0	260,127	0	0	260,127	0	0	0
GLYCOL ETHERS	16,389	462,863	0	0	479,252	0	0	0
MANGANESE COMPOUNDS	0	0	0	0	0	115	3,577	3,692
NICKEL COMPOUNDS	0	0	0	0	0	642	4,591	5,233
ZINC COMPOUNDS	0	0	0	0	0	1,196	15,232	16,428
SUBTOTALS	37,567	2,415,308	0	0	2,452,875	1,953	624,492	626,445
FITZGERALD FINISHING CO. SIC DESCRIPTION: METAL COATING & ALLIED SERVIC MAP LOCATION NO: 1 17450 FILER AVE. SIC CODE: 3479 DETROIT MI 48212 1908								
SUBTOTALS	0	0	0	0	0	0	0	0

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
GENERAL MOTORS CORP TRI NO: 48211CDLLC2500E

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS	
AMERICAN STEEL CORP. 7170 E. MCNICHOLS DETROIT MI 48212			SIC DESCRIPTION: SIC CODE: 3316	COLD ROLLED STEEL SHEET/STRIP	MAP LOCATION NO:				2
HYDROCHLORIC ACID	500	14,100	0	0	14,600	0	0	0	
SUBTOTALS	500	14,100	0	0	14,600	0	0	0	
LEAR SEATING CORP. DETROIT PLANT 4600 NANCY AVE. DETROIT MI 48212			SIC DESCRIPTION: SIC CODE: 3714	MOTOR VEHICLE PARTS & ACCESSOR	MAP LOCATION NO:				3
TOLUENEDIISOCYANATE (MIXED ISO	0	7	0	0	7	0	0	0	
SUBTOTALS	0	7	0	0	7	0	0	0	
DELTA RESINS & REFRACTORIES INC. 17350 RYAN RD. DETROIT MI 48212 1116			SIC DESCRIPTION: SIC CODE: 2899	CHEMICALS & CHEM PREP, NEC	MAP LOCATION NO:				4
FORMALDEHYDE	250	250	0	0	500	250	73,418	73,668	
METHANOL	250	750	0	0	1,000	250	0	250	
NAPHTHALENE	250	250	0	5	505	0	0	0	
METHYLENEBIS (PHENYLISOCYANATE)	5	5	0	250	260	0	250	250	
PHENOL	250	5	0	0	255	250	73,410	73,660	
SUBTOTALS	1,005	1,260	0	255	2,520	750	147,078	147,828	

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
GENERAL MOTORS CORP TRI NO: 48211CDLLC2500E

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
TITAN FINISHES CORP. 1497 E. GRAND BLVD. DETROIT MI 48211			SIC DESCRIPTION: SIC CODE: 2851	PAINTS/VARNISH/LACQUERS/ENAMEL	MAP LOCATION NO:	16		
SUBTOTALS	0	0	0	0	0	0	0	0
CHRYSLER CENTER CIMS 417-24-24 12000 CHRYSLER DR. HIGHLAND PARK MI 48288 0001			SIC DESCRIPTION: SIC CODE: 3711	MOTOR VEHICLES & CAR BODIES	MAP LOCATION NO:	17		
SUBTOTALS	0	0	0	0	0	0	0	0
CHEMICAL PROCESSING INC. 5485 CONCORD DETROIT MI 48211			SIC DESCRIPTION: SIC CODE: 3471	PLATING AND POLISHING	MAP LOCATION NO:	18		
TOLUENE	11,435	0	0	0	11,435	0	276	276
ZINC COMPOUNDS	0	0	0	0	0	121	112	233
SUBTOTALS	11,435	0	0	0	11,435	121	388	509
KAY SCREEN PRINTING 1614 CLAY DETROIT MI 48211			SIC DESCRIPTION: SIC CODE: 2750		MAP LOCATION NO:	19		
SUBTOTALS	0	0	0	0	0	0	0	0

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
GENERAL MOTORS CORP TRI NO: 48211CDLLC2500E

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS	
ARCO ALLOYS CORP.			SIC DESCRIPTION:	2NDARY SMELT/NONFERROUS METALS			MAP LOCATION NO:		20
1891 TROMBLY DETROIT	MI 48211		SIC CODE: 3341						
ZINC (FUME OR DUST)	1,000	750	0	0	1,750	0	91,500	91,500	
SUBTOTALS	1,000	750	0	0	1,750	0	91,500	91,500	
AJAX METAL PROCESSING INC.			SIC DESCRIPTION:	PLATING AND POLISHING			MAP LOCATION NO:		21
4651 BELLEVUE AVE. DETROIT	MI 48207		SIC CODE: 3471						
HYDROCHLORIC ACID	304	6	0	0	310	0	0	0	
PHOSPHORIC ACID	531	0	0	0	531	0	0	0	
SULFURIC ACID	108	1	0	0	109	22	0	22	
NITRIC ACID	228	0	0	0	228	0	0	0	
CADMIUM COMPOUNDS	0	0	0	0	0	11	5,300	5,311	
GLYCOL ETHERS	9,458	0	0	0	9,458	0	0	0	
SUBTOTALS	10,629	7	0	0	10,636	33	5,300	5,333	
GMC NATP DETROIT ASSEMBLY			SIC DESCRIPTION:	MOTOR VEHICLES & CAR BODIES			MAP LOCATION NO:		22
601 PIQUETTE DETROIT	MI 48202 3590		SIC CODE: 3711						
1,2,4-TRIMETHYLBENZENE	874	0	0	0	874	0	153	153	
TOLUENE	17	22,107	0	0	22,124	0	71	71	
XYLENE (MIXED ISOMERS)	862	7,217	0	0	8,079	0	153	153	
GLYCOL ETHERS	0	0	0	0	0	0	59,944	59,944	
SUBTOTALS	1,753	29,324	0	0	31,077	0	60,321	60,321	

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
GENERAL MOTORS CORP TRI NO: 48211CDLLC2500E

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS	
NATIONAL METAL PROCESSING			SIC DESCRIPTION:	METAL COATING & ALLIED SERVIC			MAP LOCATION NO:		23
3105 BEAUFair			SIC CODE: 3479						
DETROIT	MI 48207								
SULFURIC ACID	0	1	0	0	1	0	347,425	347,425	
SUBTOTALS	0	1	0	0	1	0	347,425	347,425	
COMMONWEALTH IND.			SIC DESCRIPTION:	METAL HEAT TREATING			MAP LOCATION NO:		24
5900 COMMONWEALTH AVE.			SIC CODE: 3398						
DETROIT	MI 48208								
HYDROCHLORIC ACID	0	496	0	0	496	0	81,799	81,799	
CHROMIUM COMPOUNDS	0	0	0	0	0	4	4,073	4,077	
ZINC COMPOUNDS	0	0	0	0	0	150	20,713	20,863	
SUBTOTALS	0	496	0	0	496	154	106,585	106,739	
GENERAL PLATING INC. PLANT #1			SIC DESCRIPTION:	PLATING AND POLISHING			MAP LOCATION NO:		25
6547 ST. PAUL			SIC CODE: 3471						
DETROIT	MI 48207								
SUBTOTALS	0	0	0	0	0	0	0	0	
STYLECRAFT PRODS. INC. PLANT #2			SIC DESCRIPTION:	PLATING AND POLISHING			MAP LOCATION NO:		26
1219 BEAUFair			SIC CODE: 3471						
DETROIT	MI 48207								
NICKEL	0	0	0	0	0	88	4,218	4,306	
CHROMIUM	0	0	0	0	0	84	5,863	5,947	
COPPER	0	0	0	0	0	104	4,313	4,417	
CYANIDE COMPOUNDS	0	0	0	0	0	4	0	4	
SUBTOTALS	0	0	0	0	0	280	14,394	14,674	

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
GENERAL MOTORS CORP TRI NO: 48211CDLLC2500E

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
PEPSI-COLA			SIC DESCRIPTION:	BOT & CAN SOFT DRNK & CARB WA	MAP LOCATION NO:	27		
1555 MACK AVE. DETROIT	MI 48207		SIC CODE: 2086					
SUBTOTALS	0	0	0	0	0	0	0	0

General Motors Detroit Wayne County, Michigan

Latitude: 42 22 51 N
Longitude: 83 2 30 W

MAP KEY:

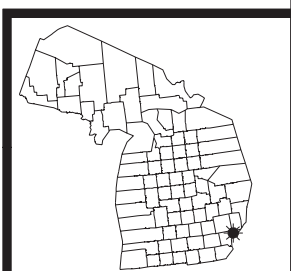
- County Boundaries
- Inter State Highway
- US Highway
- Rail Road
- One Mile
- Three Miles
- Five Miles

POPULATION DENSITY / SQ. MILE

- Greater than 10000
- 1000 - 10000
- 100 - 1000
- 10-100
- 1-10

Minority, poverty, and High School Incomplete percentages

- Greater than 50
- 40 - 50
- 30 - 40
- 20 - 30
- 10 - 20
- 0 - 10



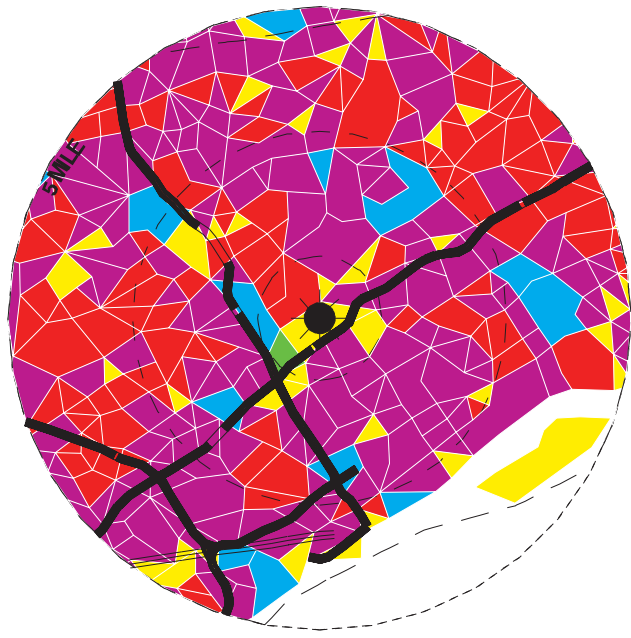
Percentage of Total Population Below Poverty Level



Percentage of Population not Completing High School



Population Density
People Per Sq. Mile



Minority Population
Percent of Total Population



General Motors Detroit Wayne County, Michigan

Latitude: 42 22 51 N
Longitude: 83 2 30 W

MAP KEY:

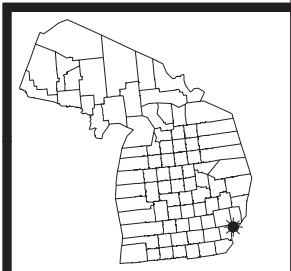
- County Boundaries
- Inter State Highway
- US Highway
- Rail Road
- One Mile
- Three Miles
- Five Miles

POPULATION DENSITY / SQ. MILE

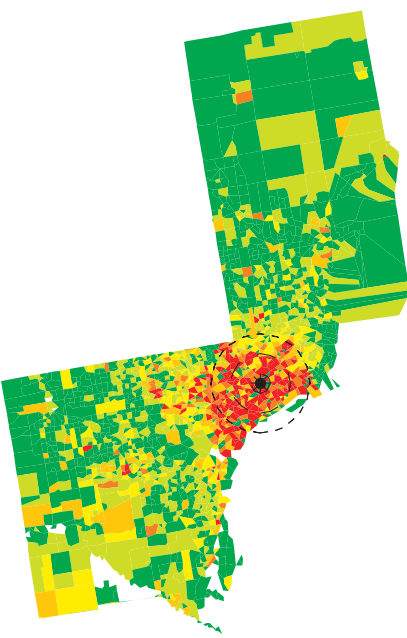
- Greater than 10000
- 1000 - 10000
- 100 - 1000
- 10-100
- 1-10

Minority, poverty, and High School Incomplete percentages

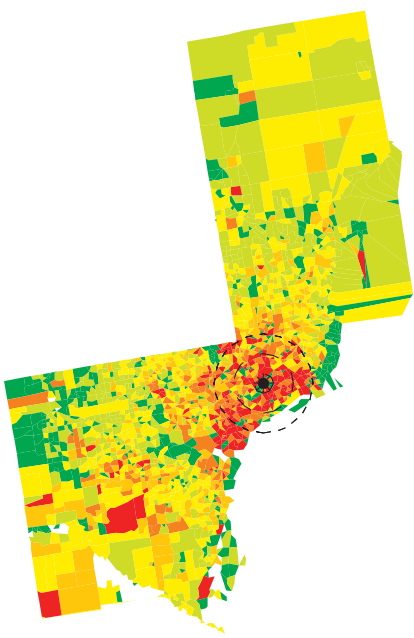
- Greater than 50
- 40 - 50
- 30 - 40
- 20 - 30
- 10 - 20
- 0 - 10



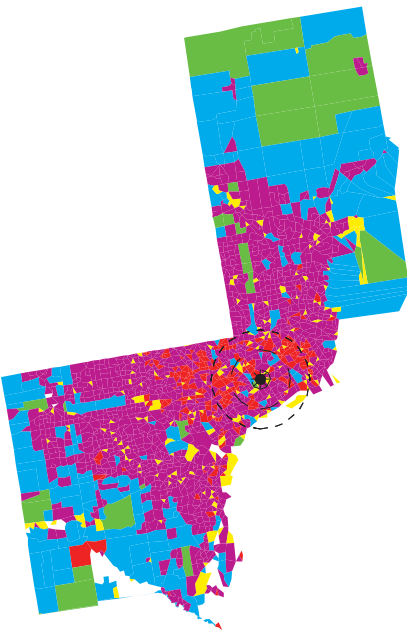
Percentage of Total Population Below Poverty Level



Percentage of Population not Completing High School



Population Density People Per Sq. Mile



Minority Population Percent of Total Population

